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# Axon Guidance Defects in NFATc2/3/4 Mutant Embryos

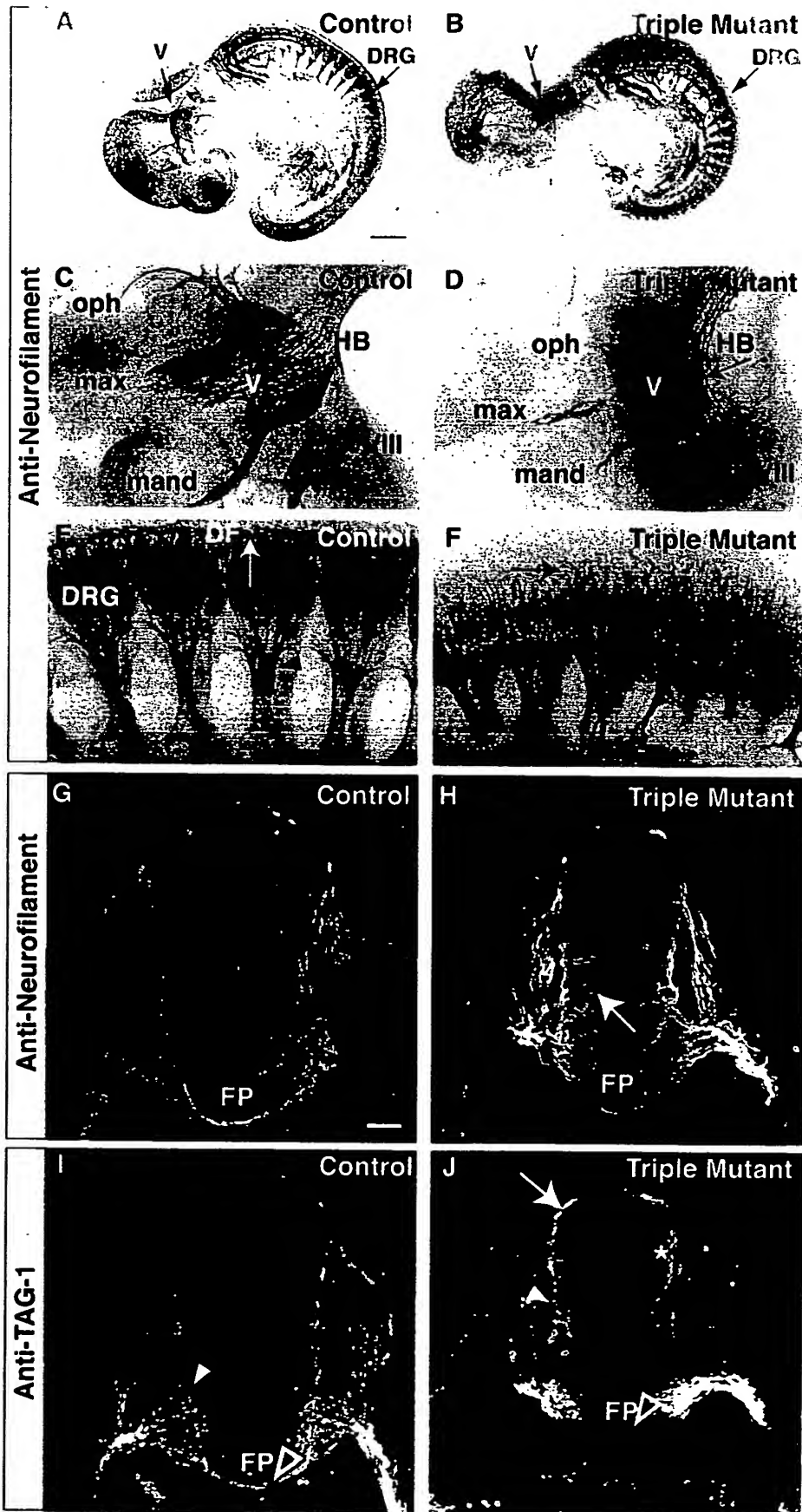


Figure 1 of 16

# Pharmacological Calcineurin Inhibition during Embryonic Development Produces Similar to those in NFATc2/c3/c4 Mutant Embryos.

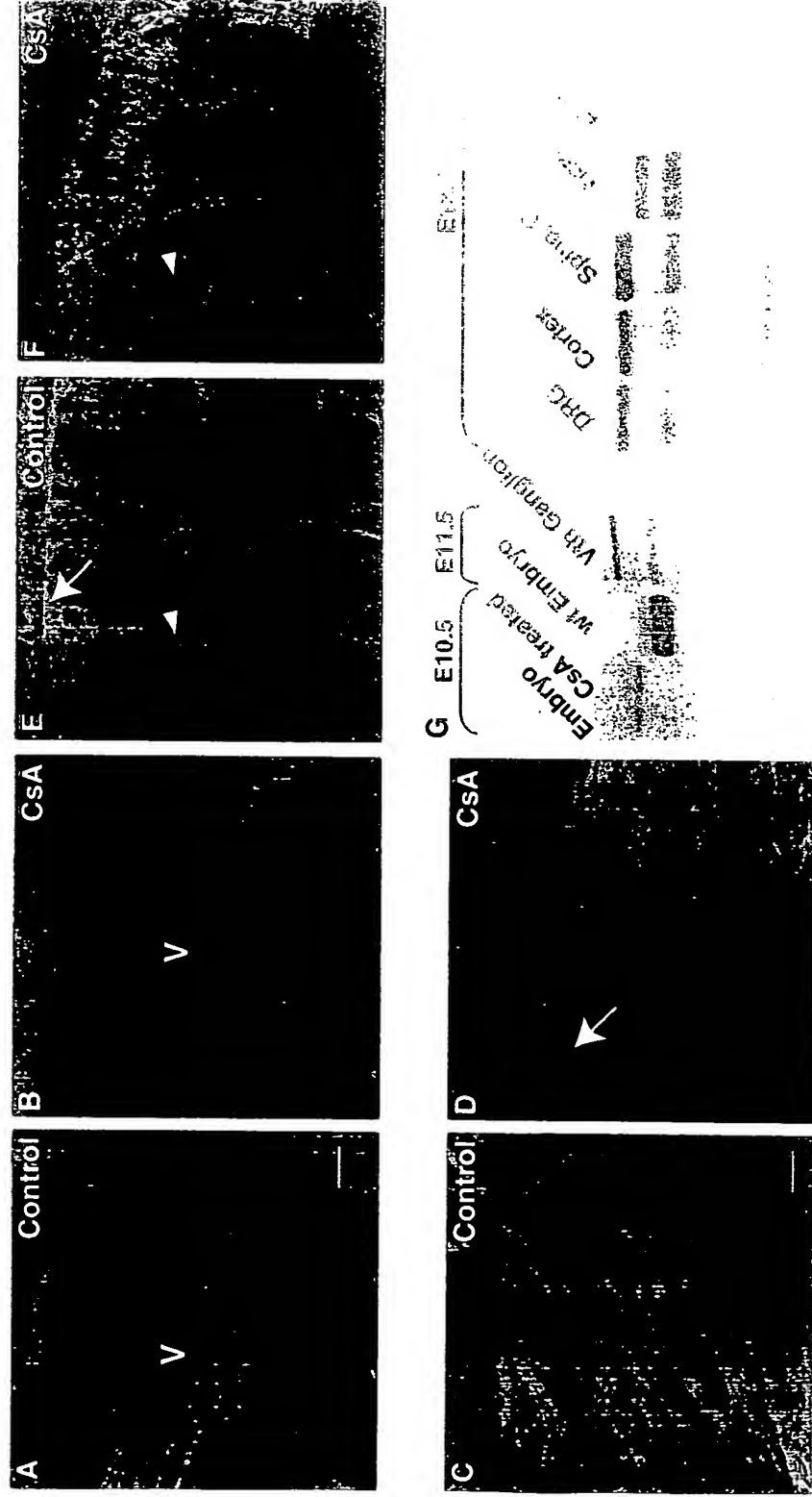


Figure 2

# Cell Autonomous Defect of Sensory Axon Growth

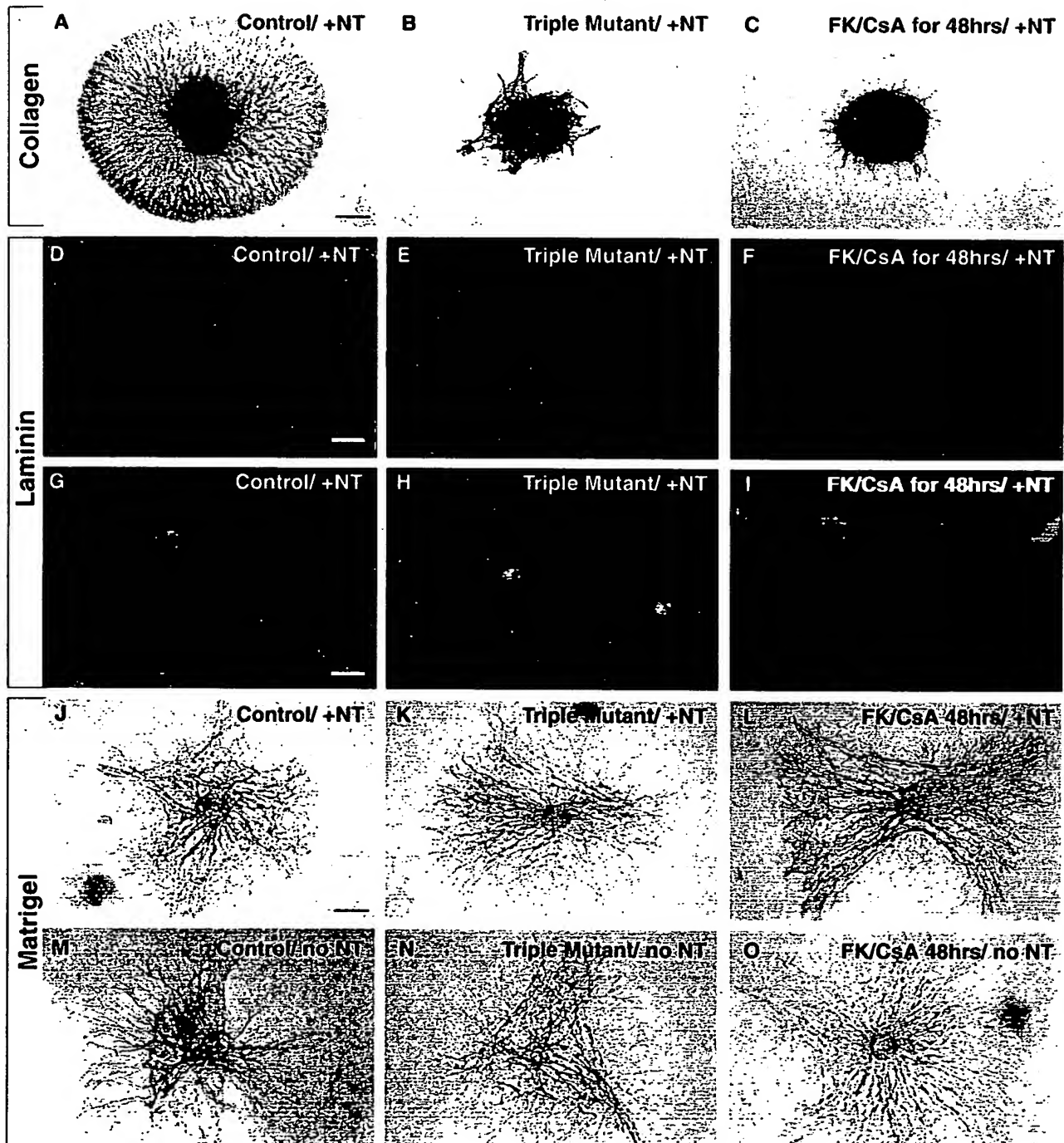


Figure 3 of 16

Neurotrophin-3 (NT-3) and its receptors regulate  
Sensory Neuron Survival *in vivo*

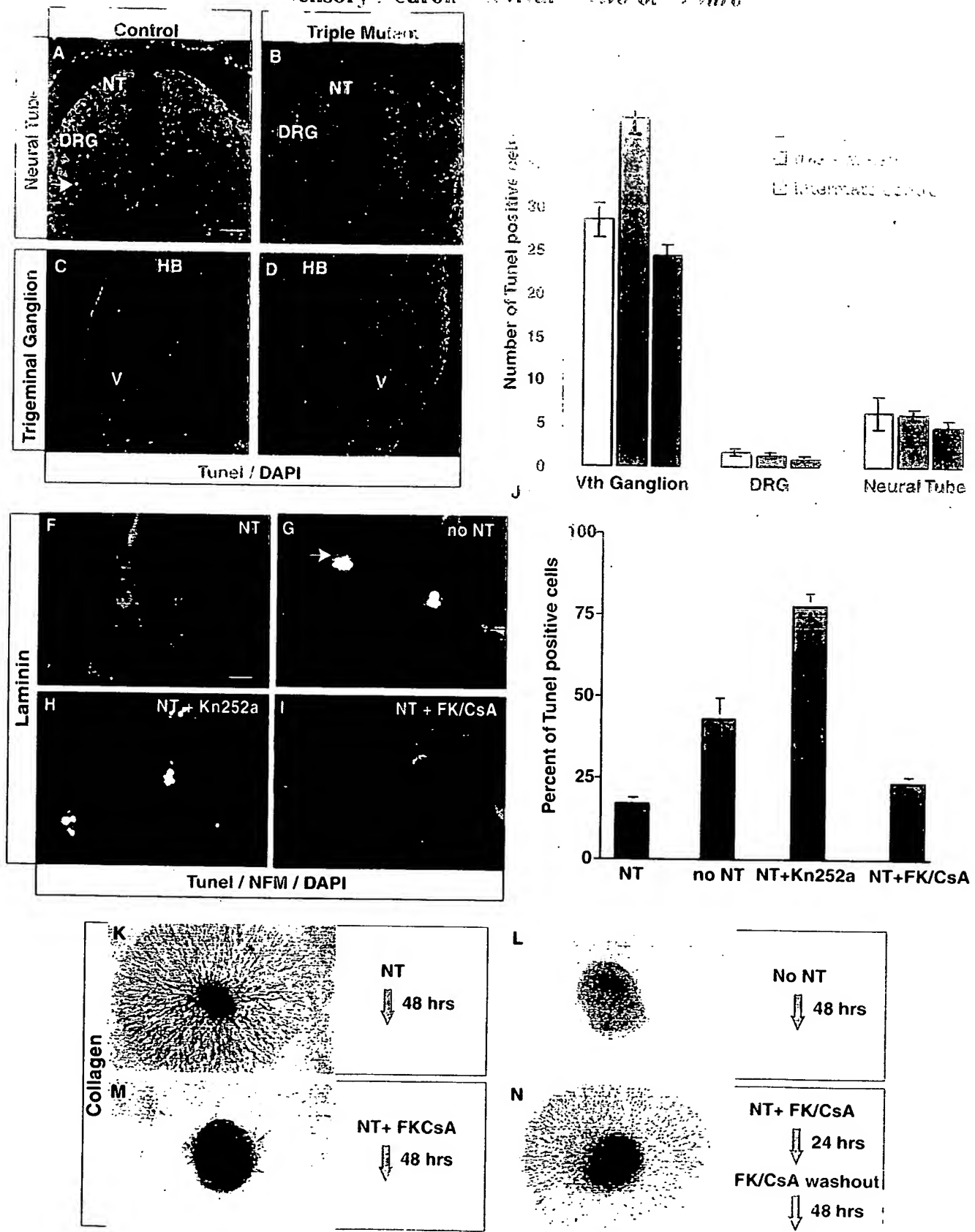
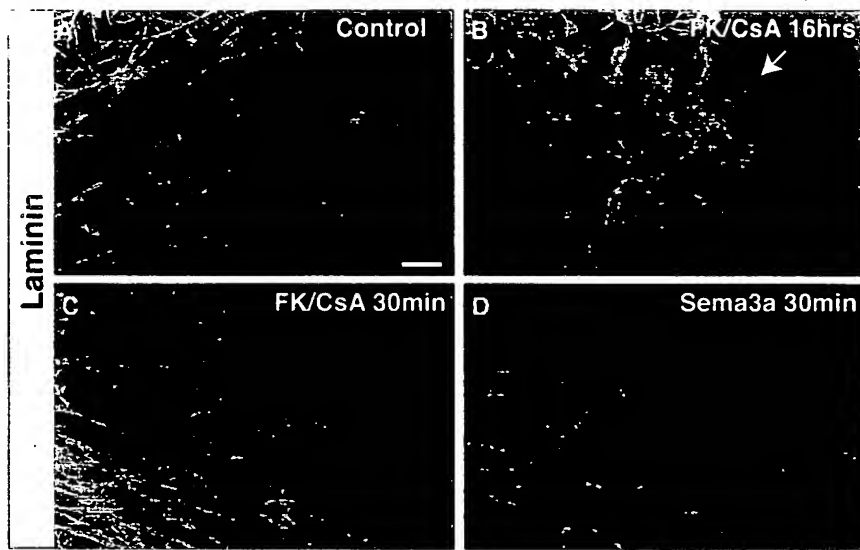


Figure 4 of 16



### Neurite Outgrowth Arrest after Calcineurin Inhibition Occurs with a Several Hour Delay

E

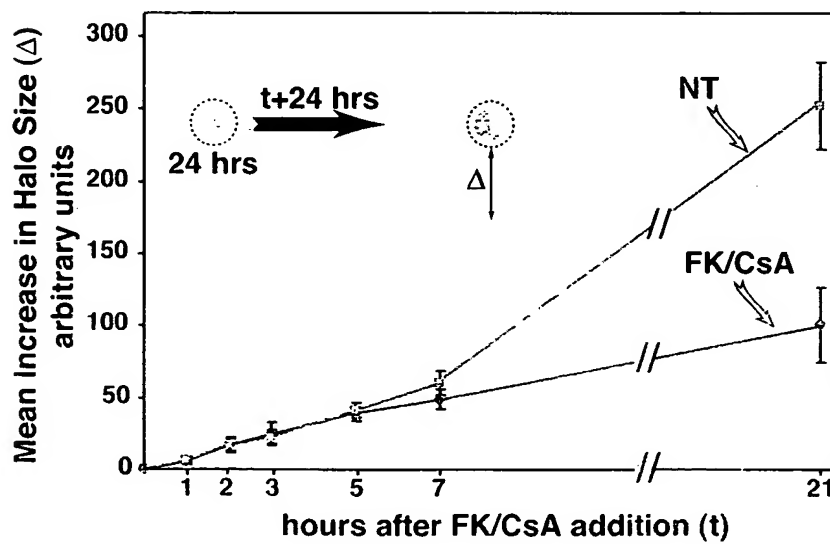


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# Transcriptional Regulation of NFATc3 by BDNF Transcriptional Activation

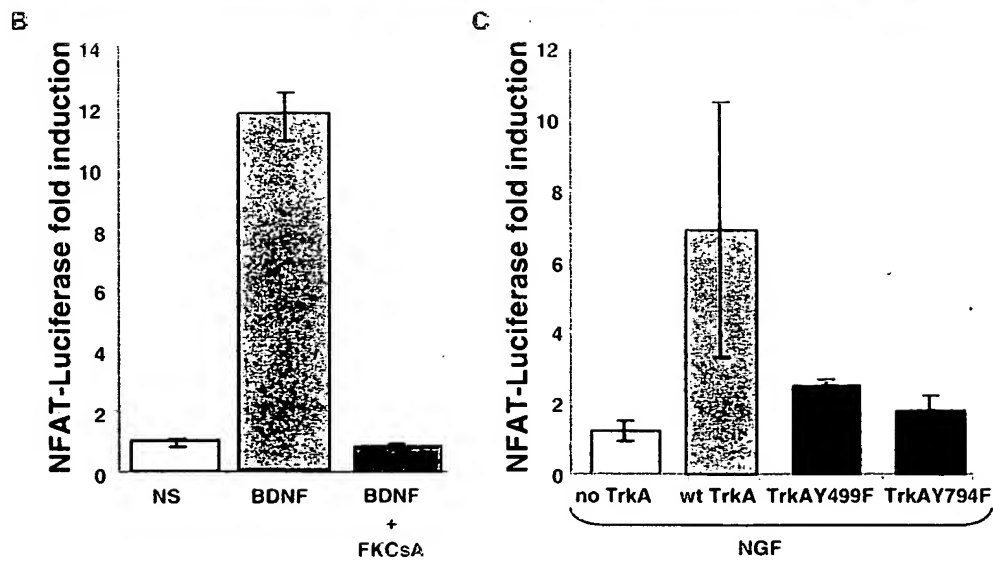
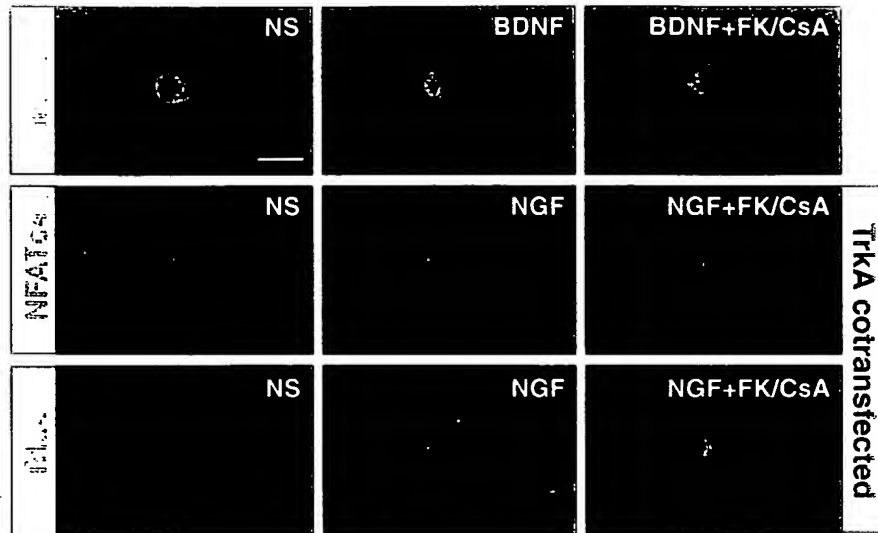


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## Neurotrophins Regulate NFATc Translocation and Transcriptional Activation

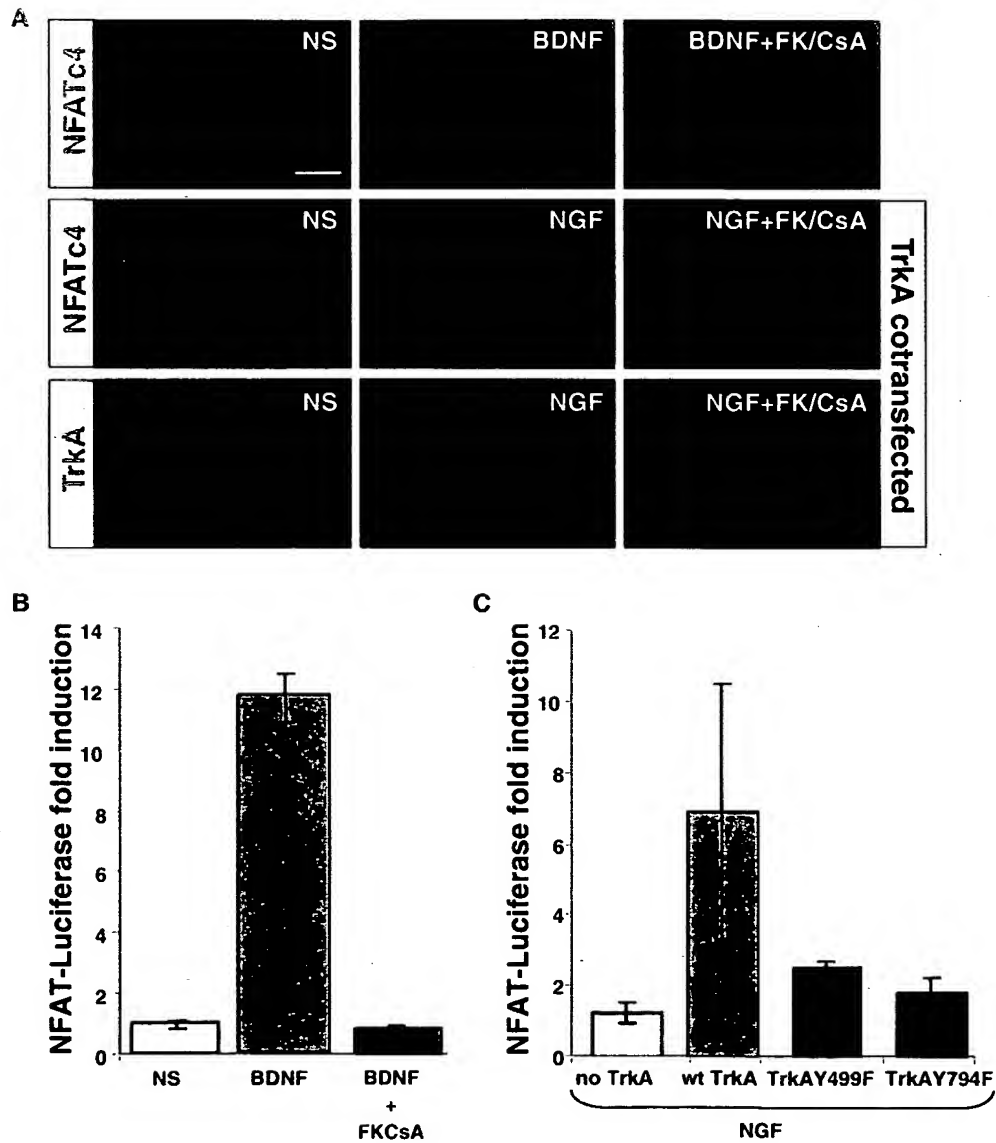
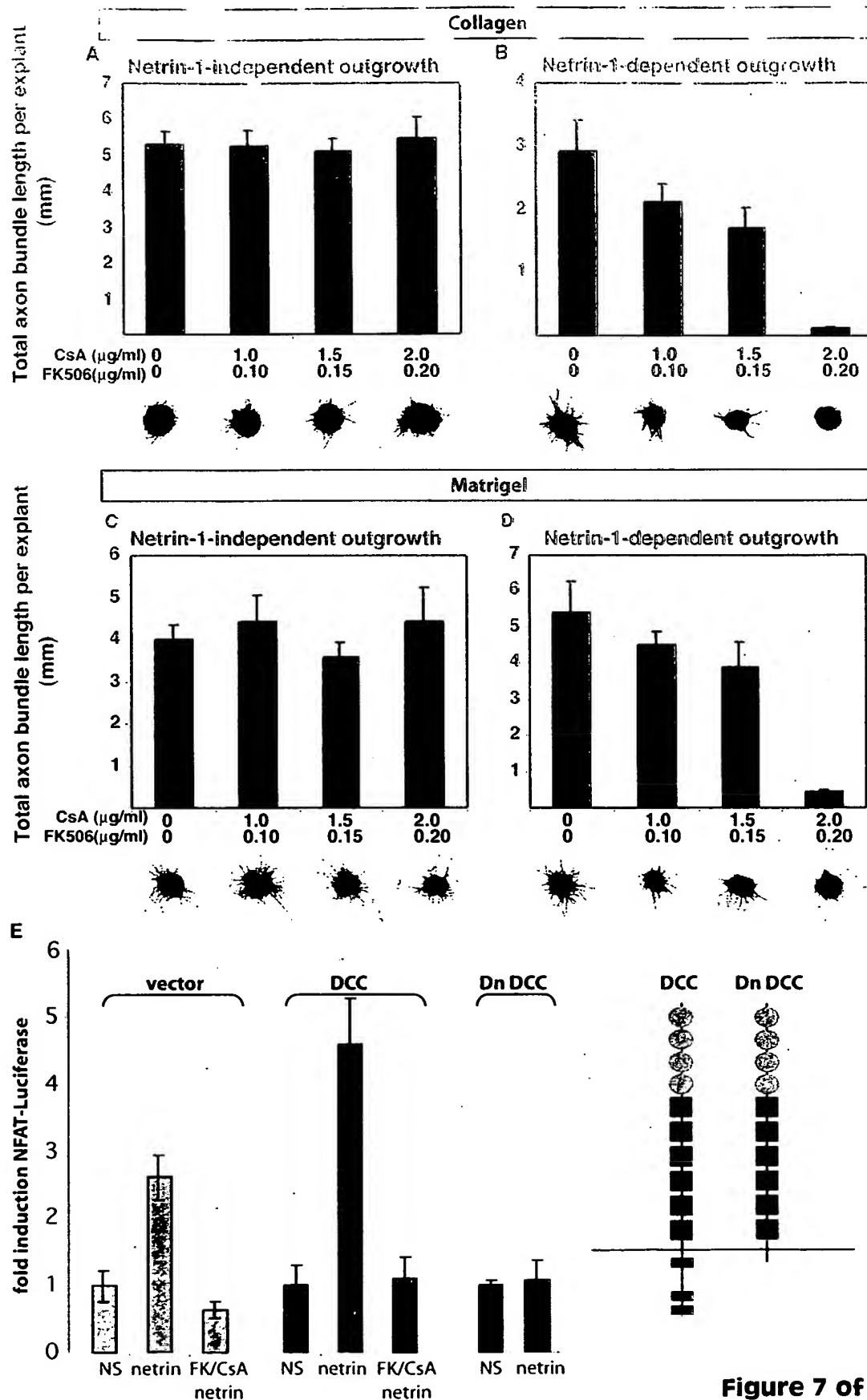


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# **Inhibition of Calcineurin Blocks Netrin-dependent Growth of Dorsal Spinal Cord Explants**



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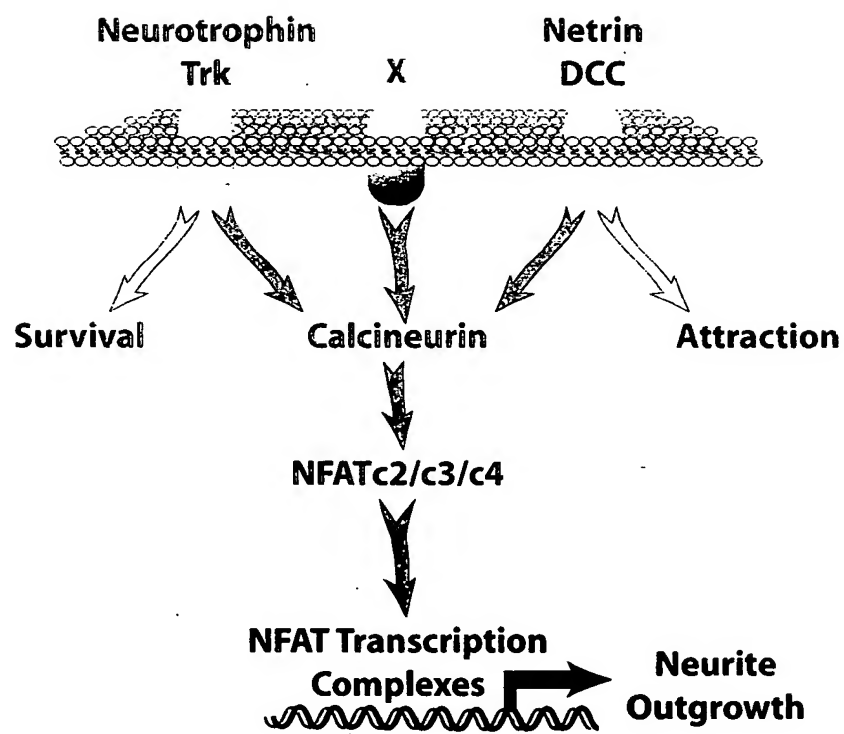


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# Axon Guidance Defects in NFATc2/3/4 Mutant Embryos

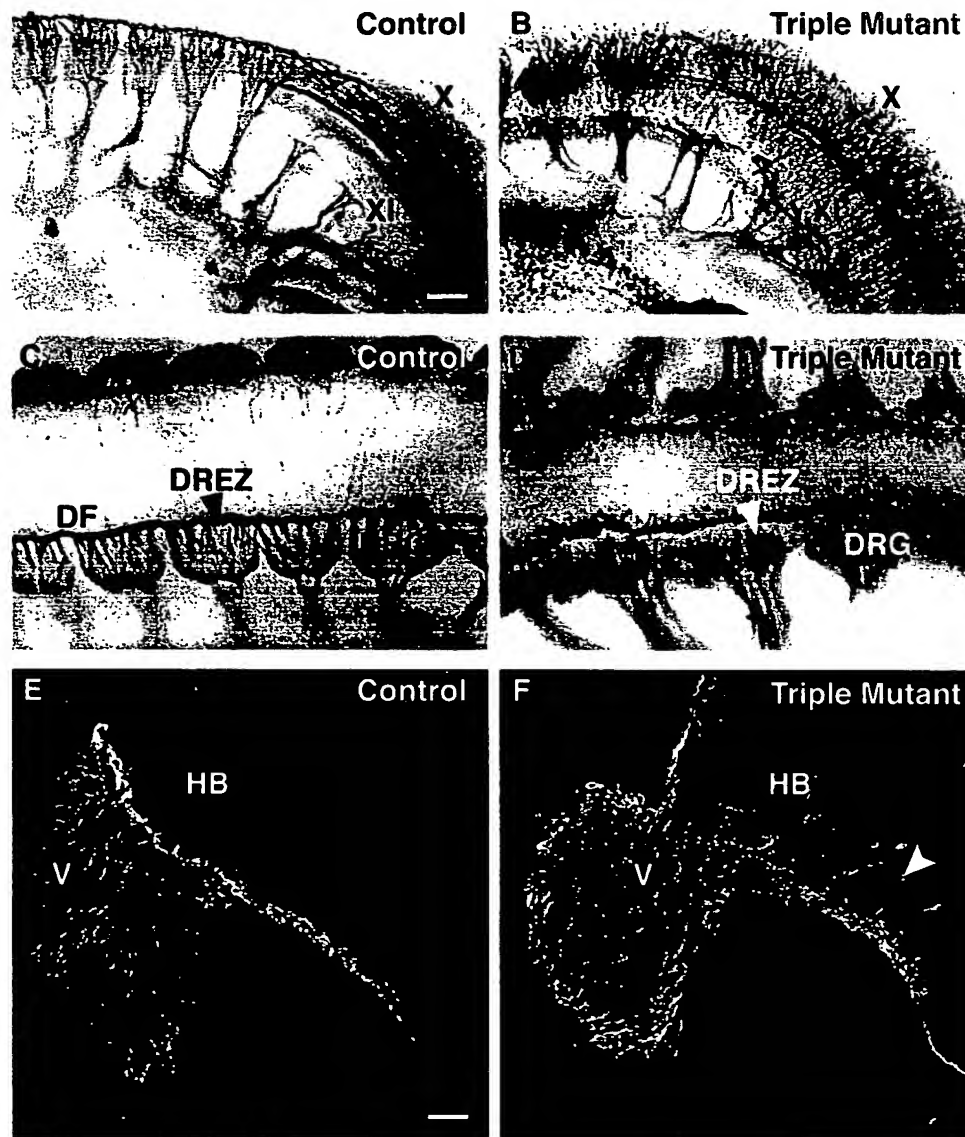


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# Normal Cell Type Differentiation of NFATc2/c3/c4 Mutant Neurons

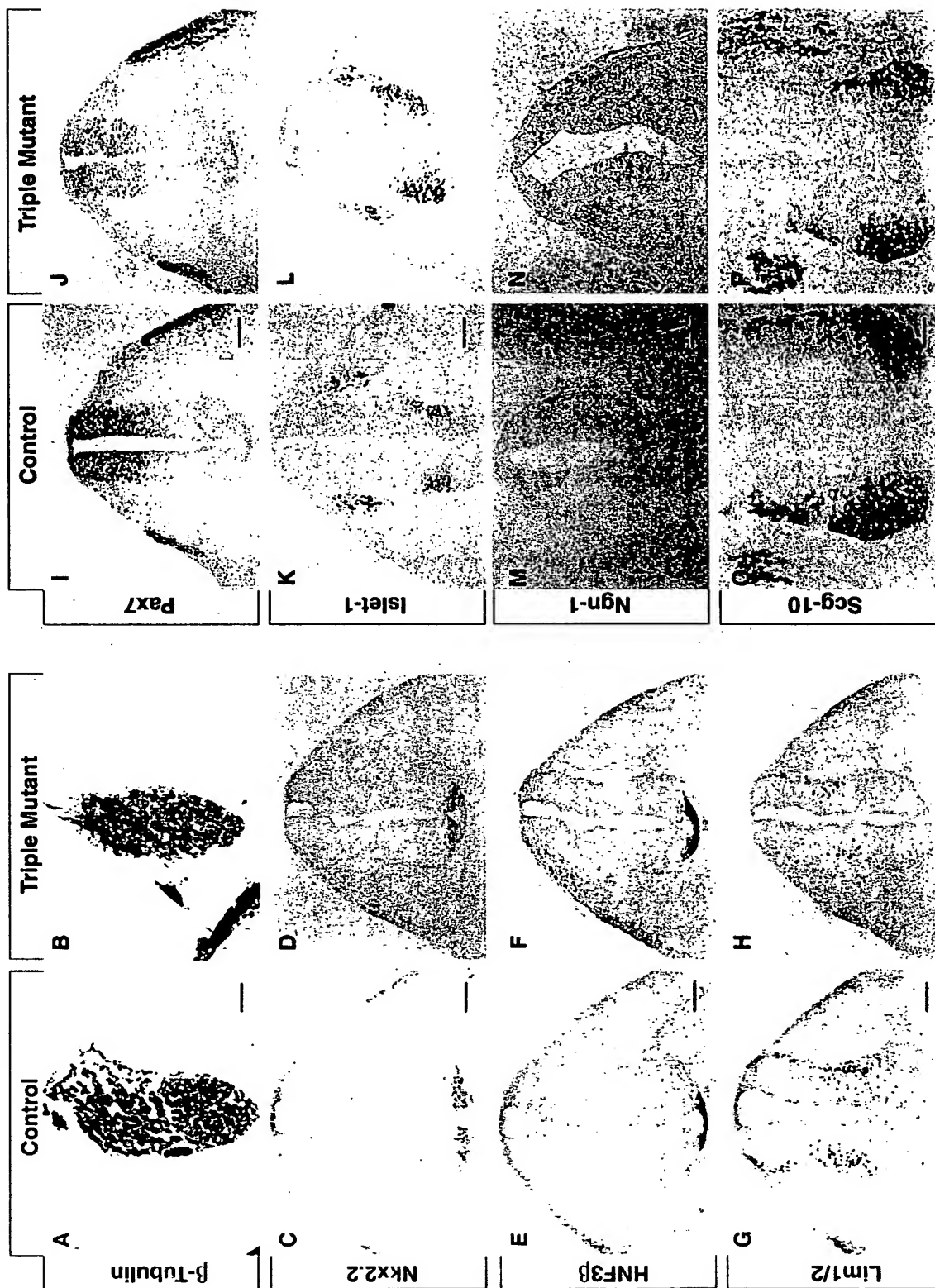
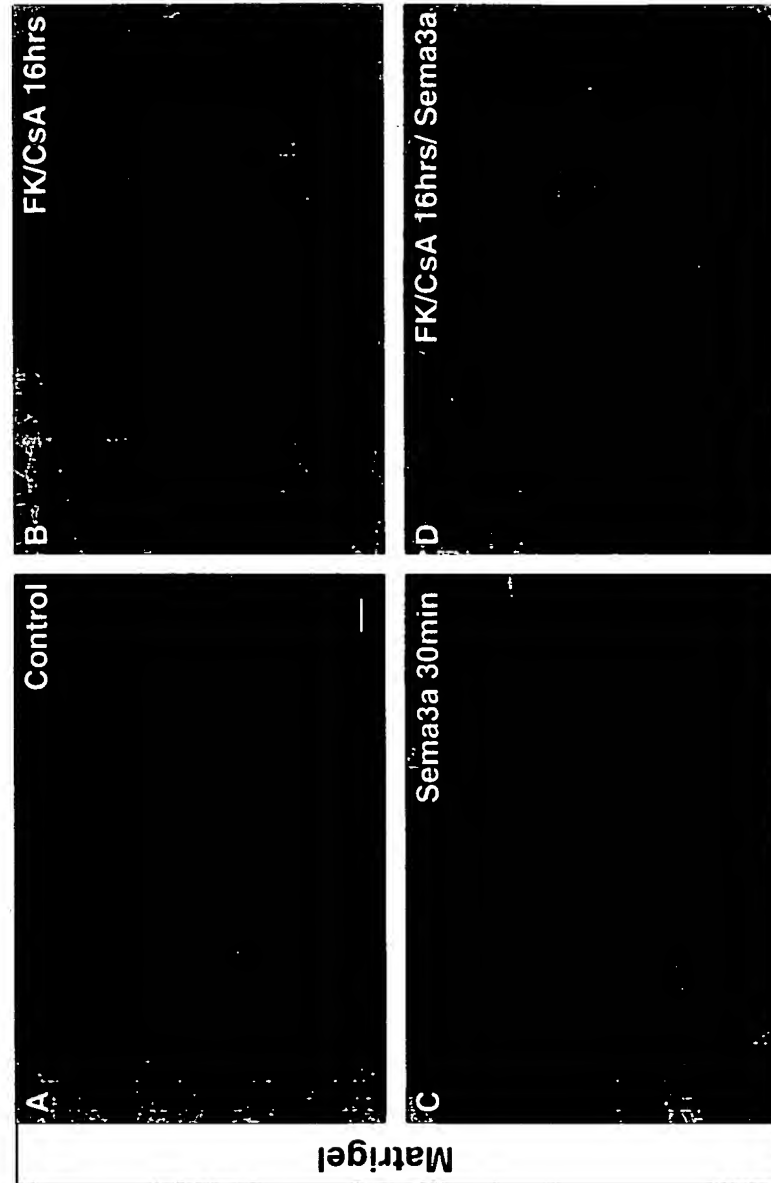
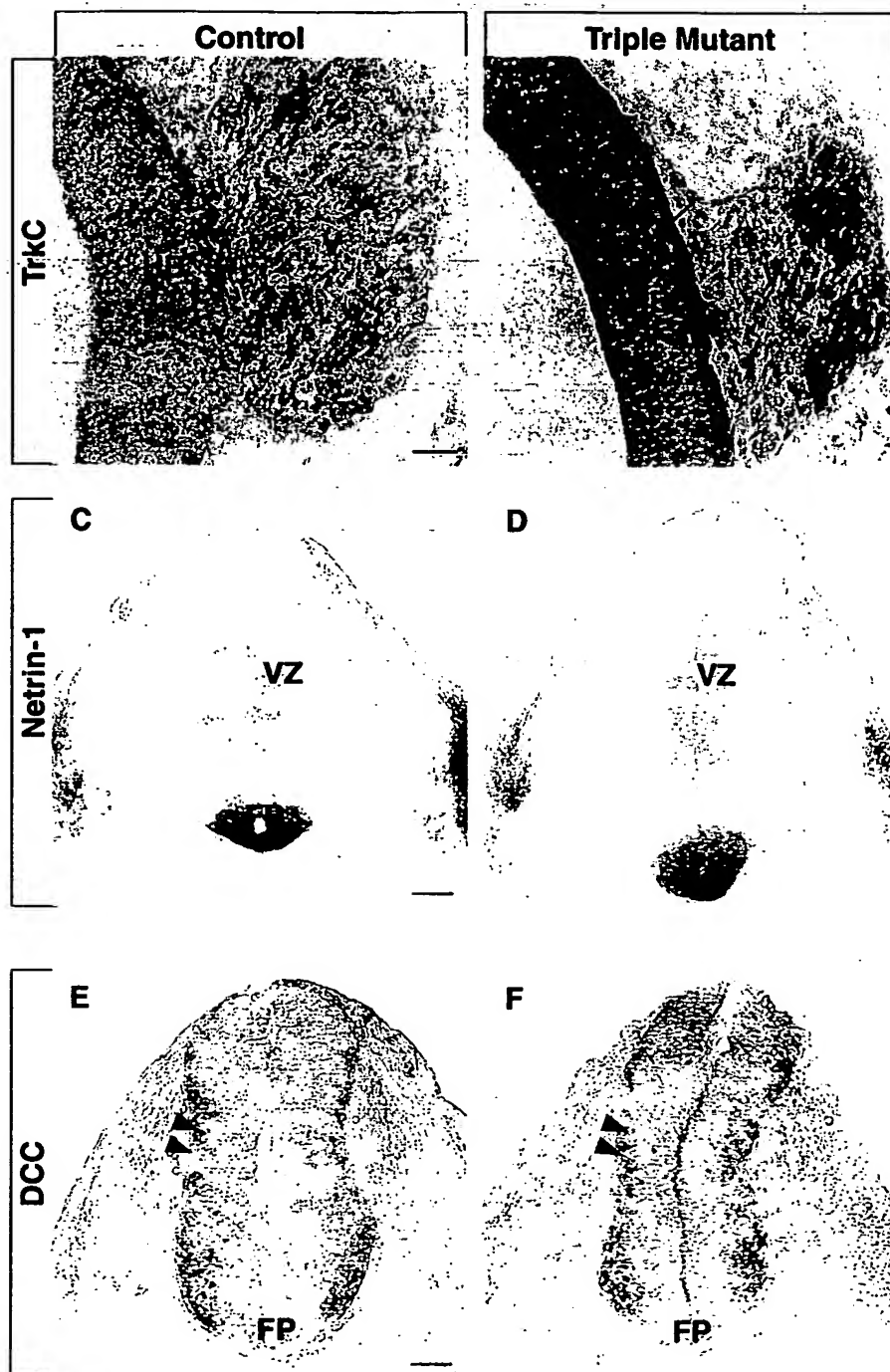


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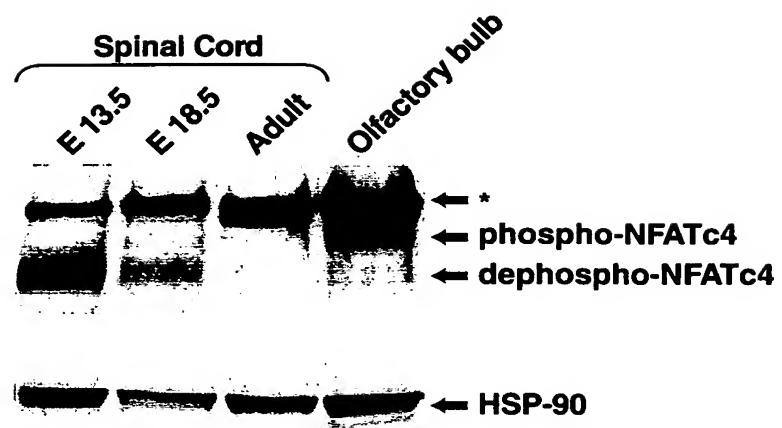
**Inhibition of the NFATc/Calcineurin Pathway Does Not Affect  
Semaphorin-Induced Growth Cone Collapse**



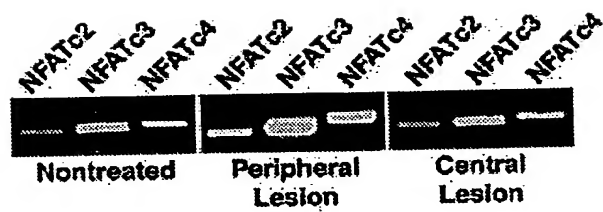
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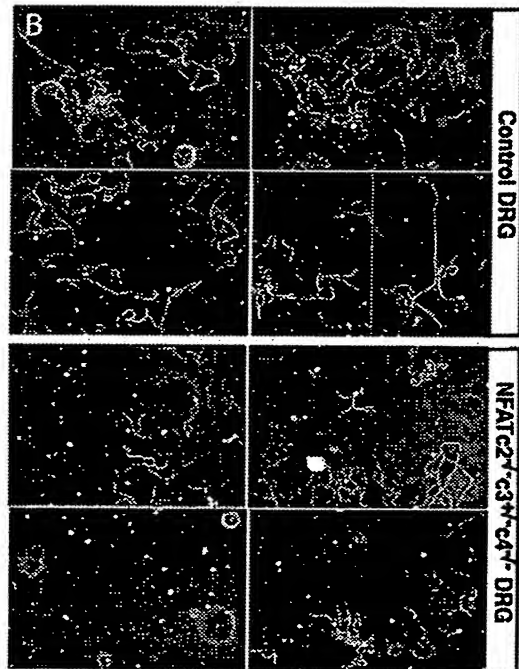


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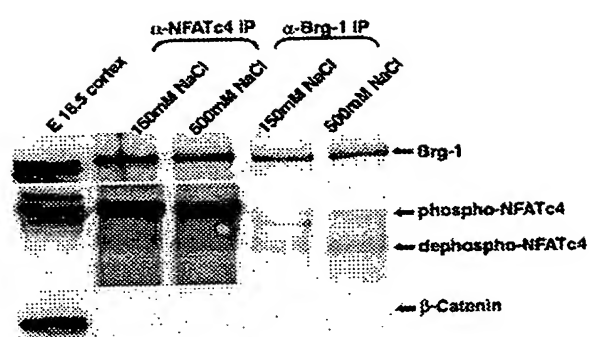


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